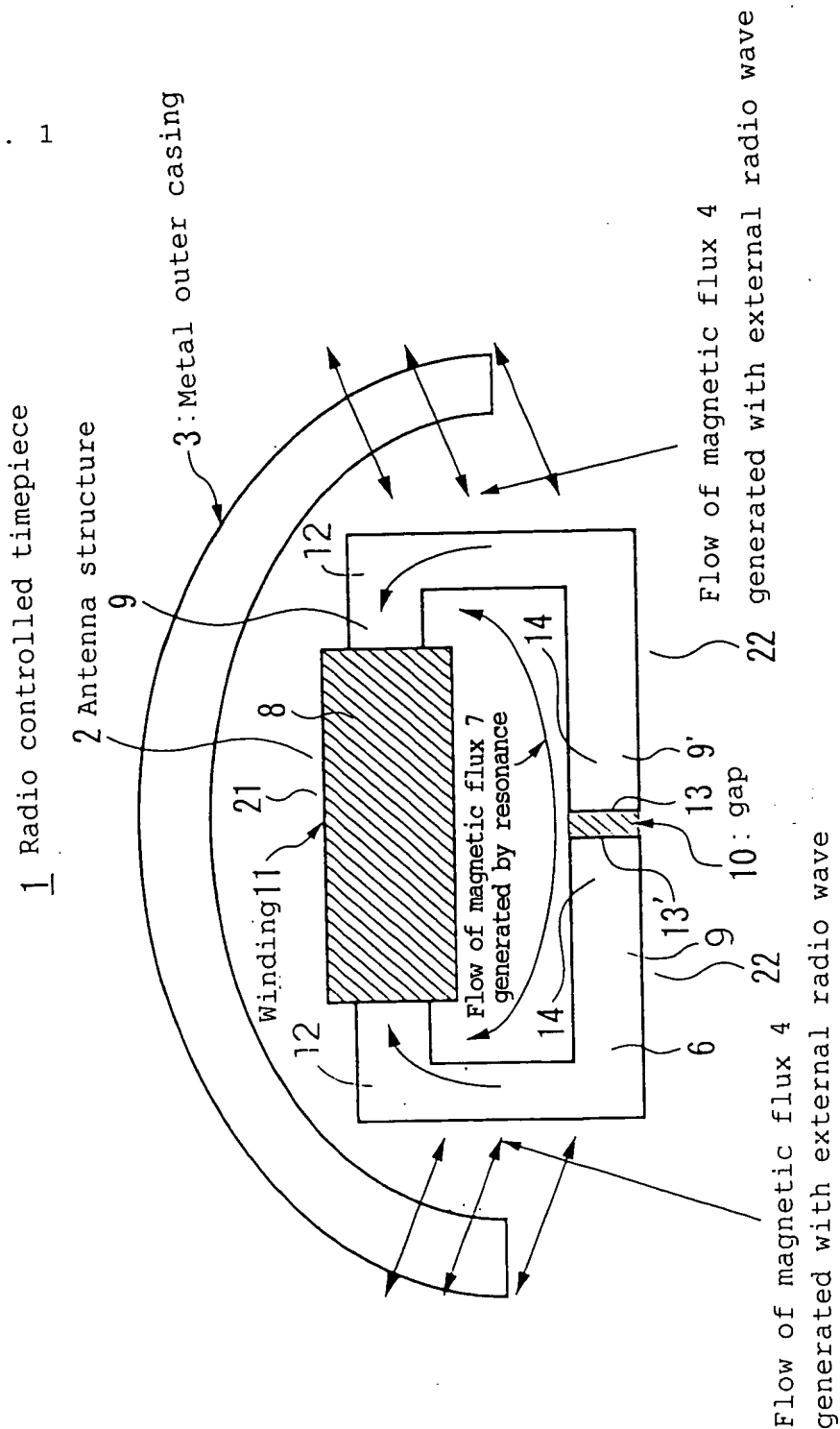


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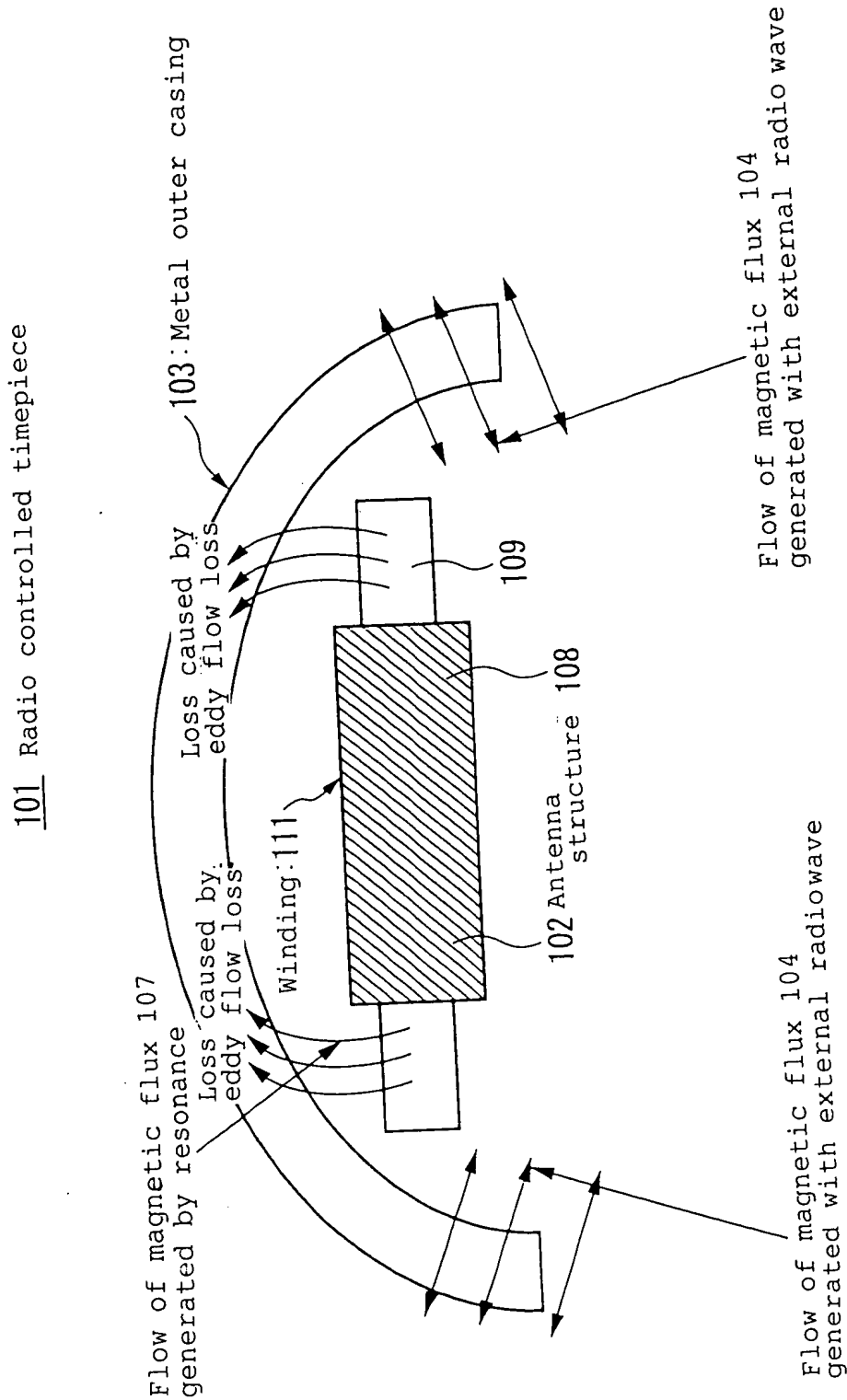
Fig. 1



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Fig. 2



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Fig. 3

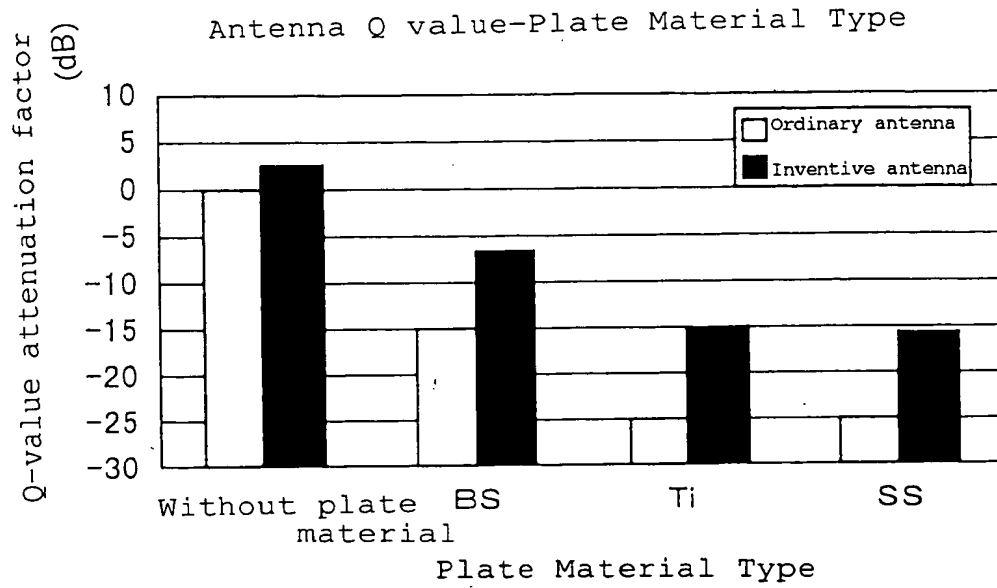
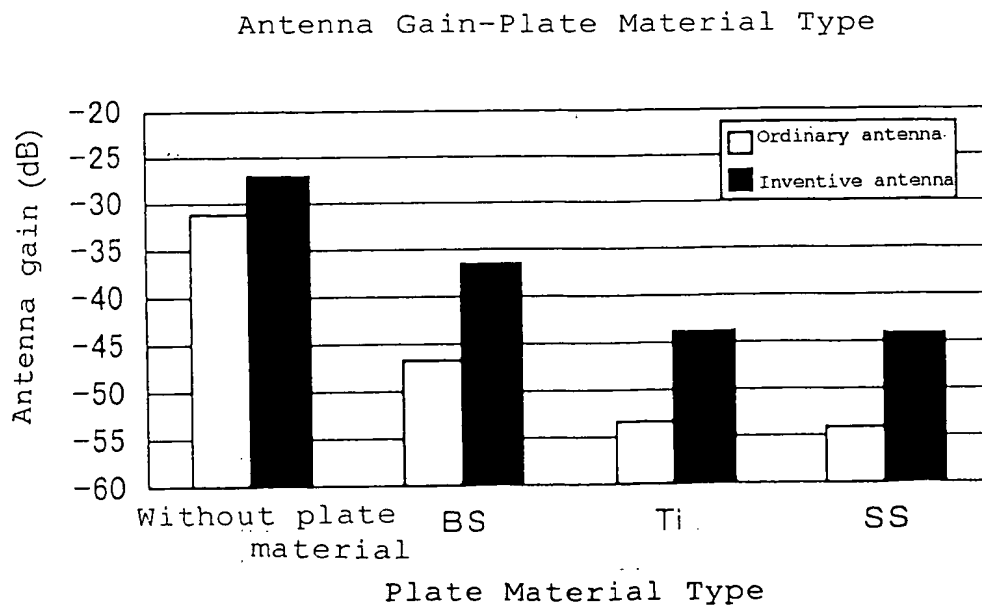
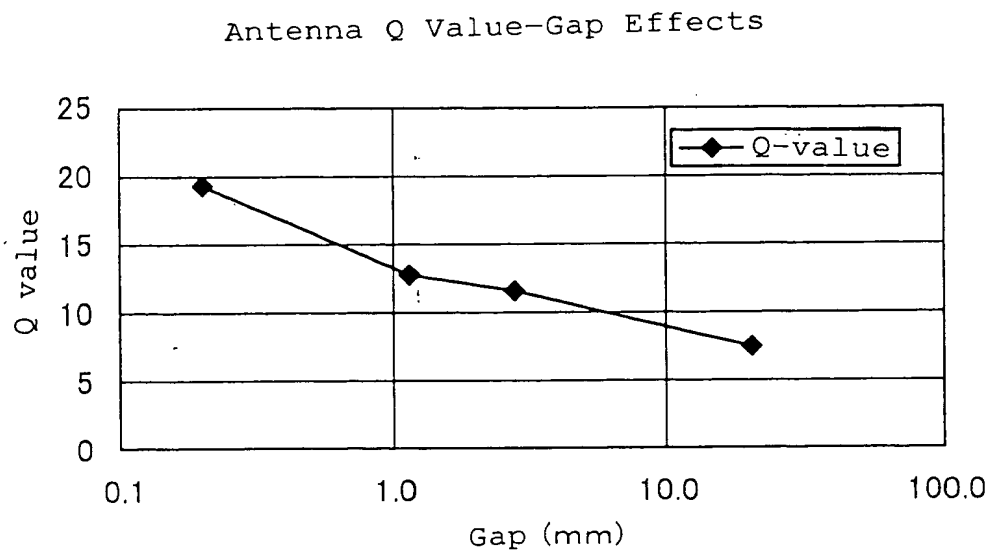


Fig. 4



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Fig. 5



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Fig. 7

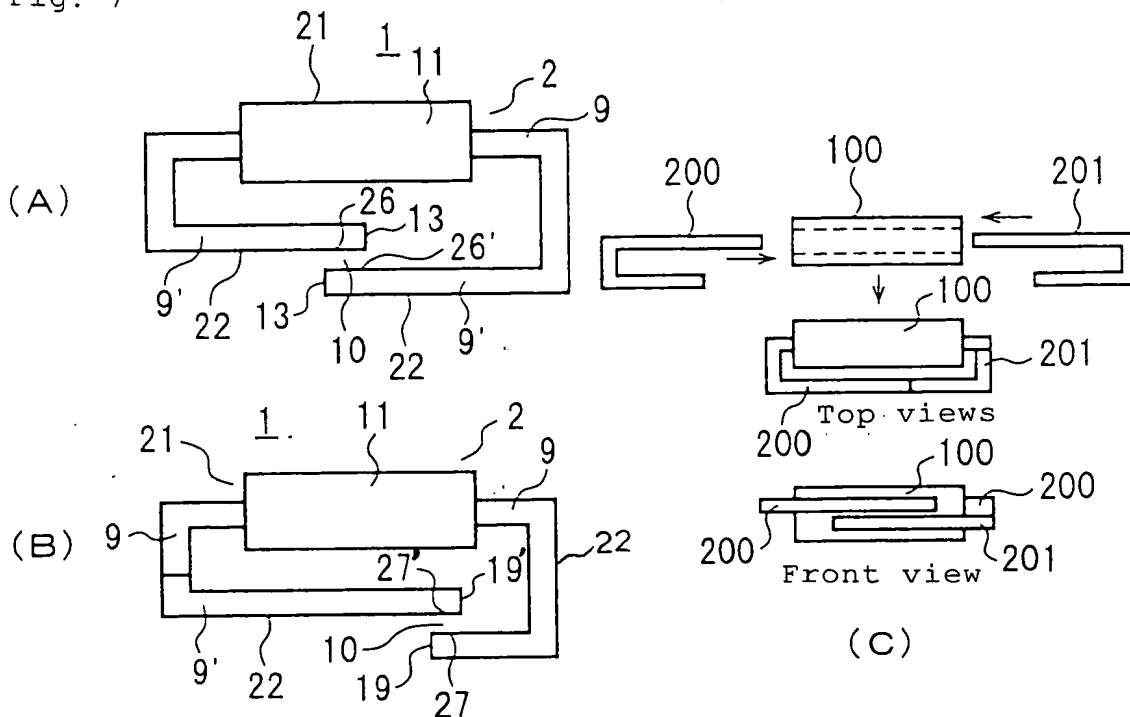
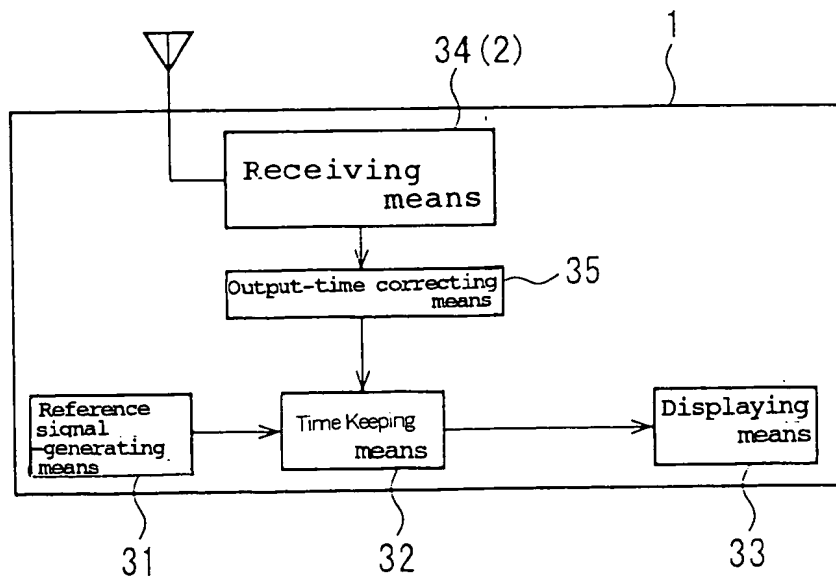
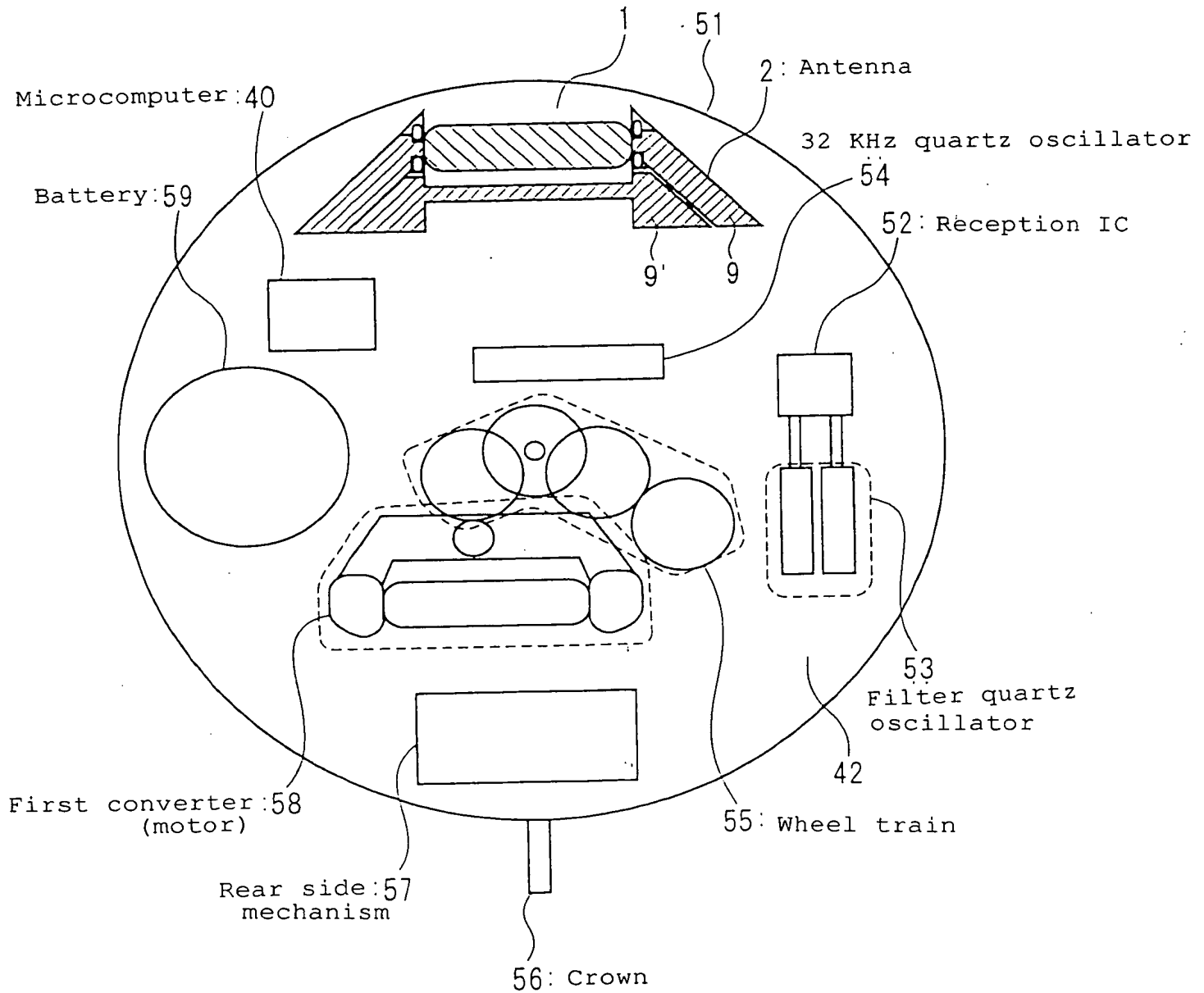


Fig. 8



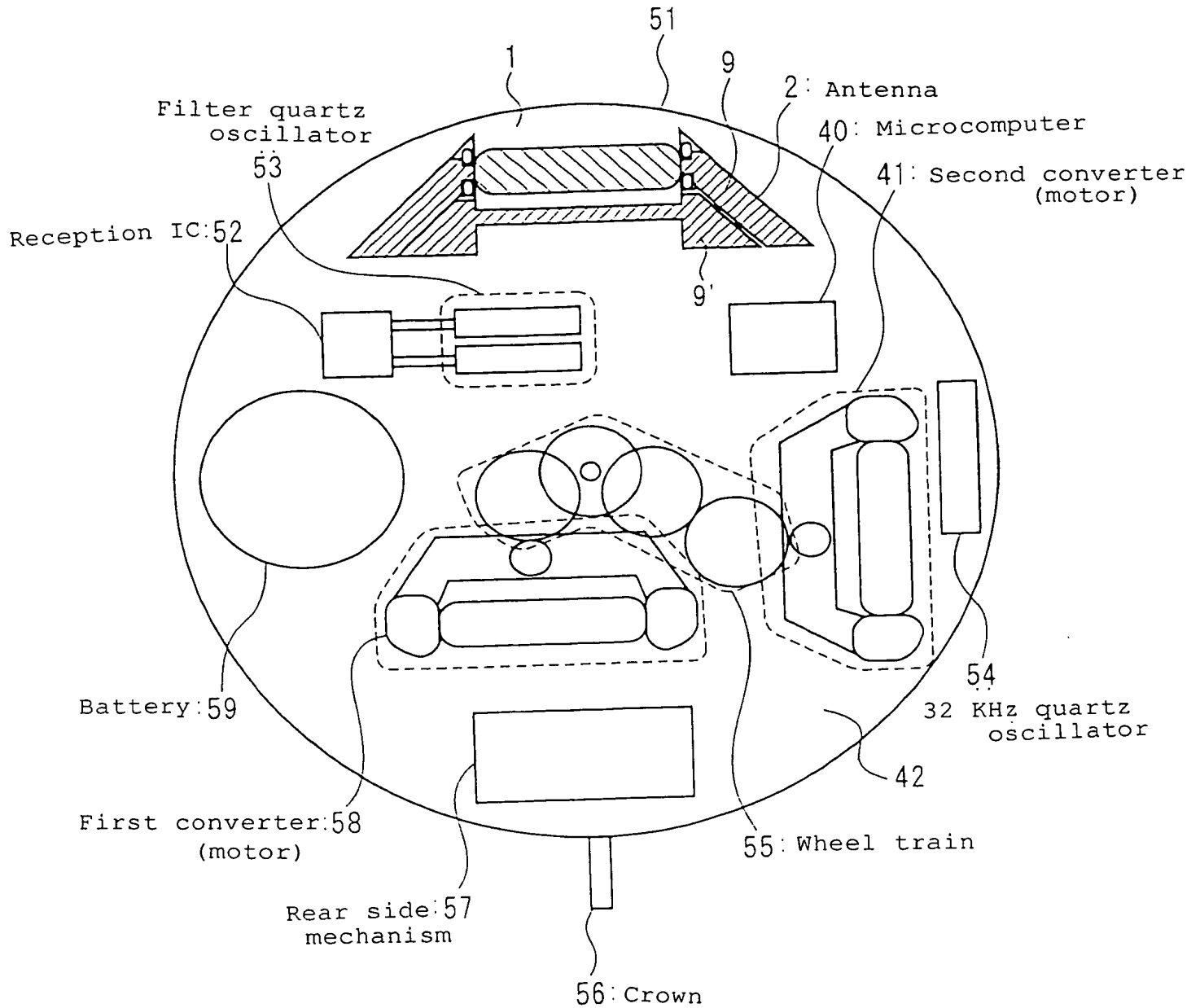
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Fig. 9



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Fig. 10 .



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Fig. 11

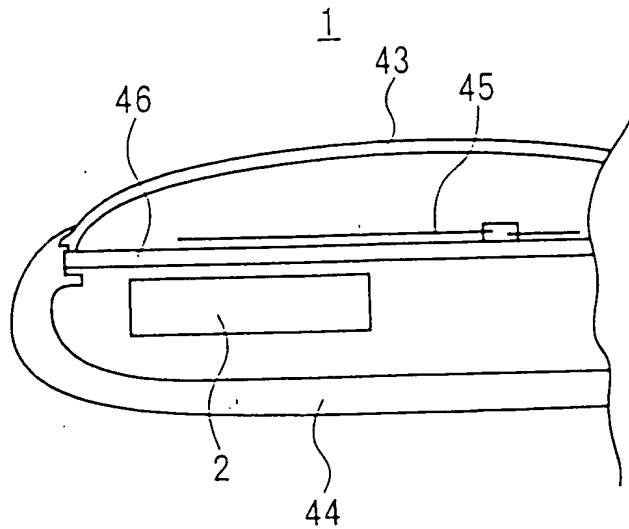
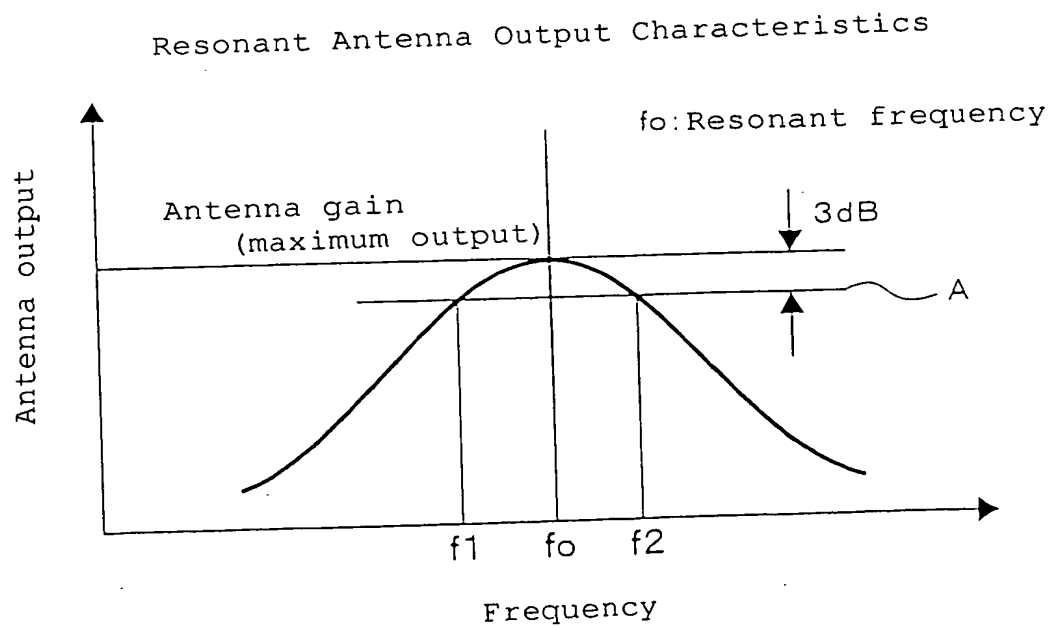


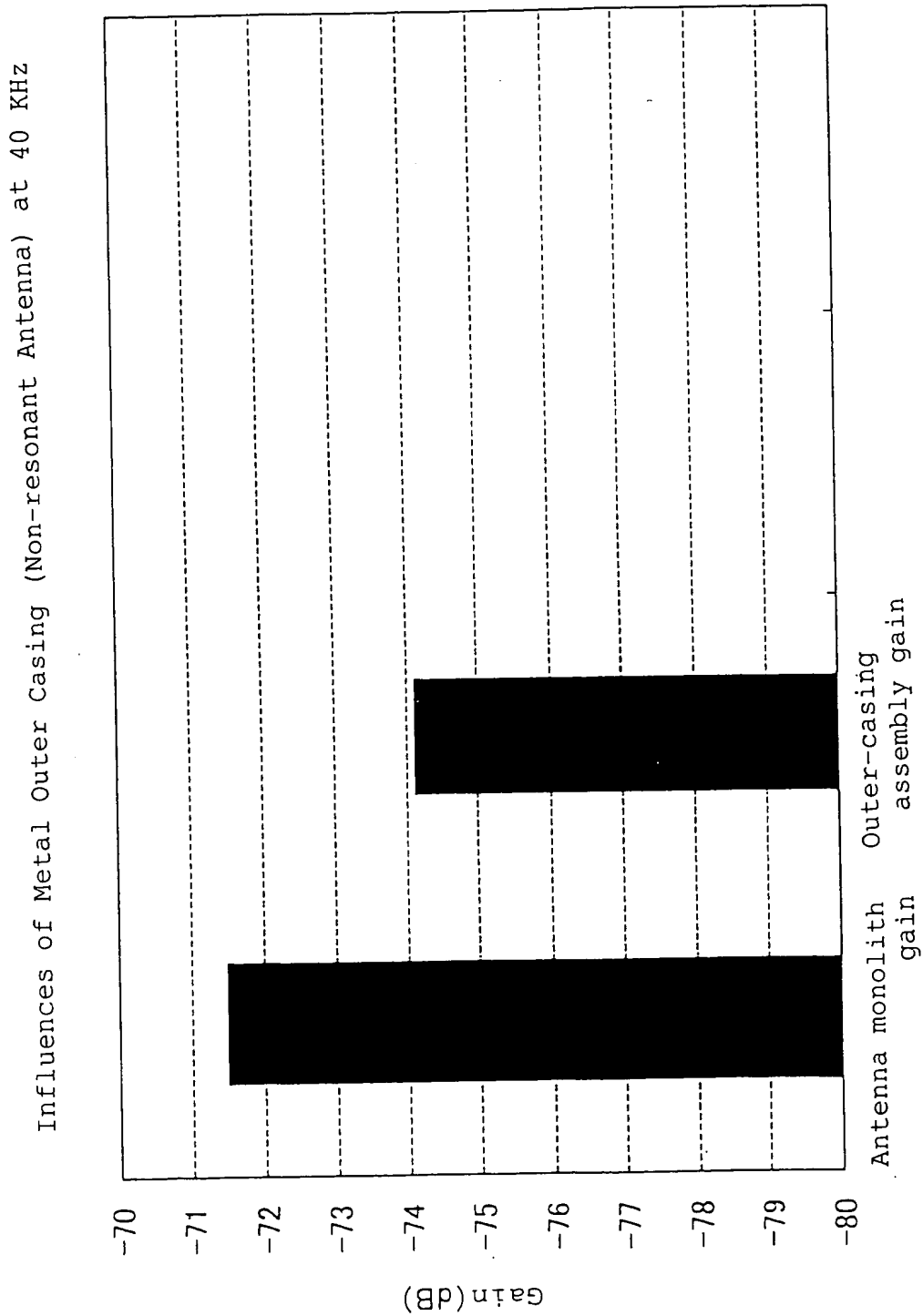
Fig. 17



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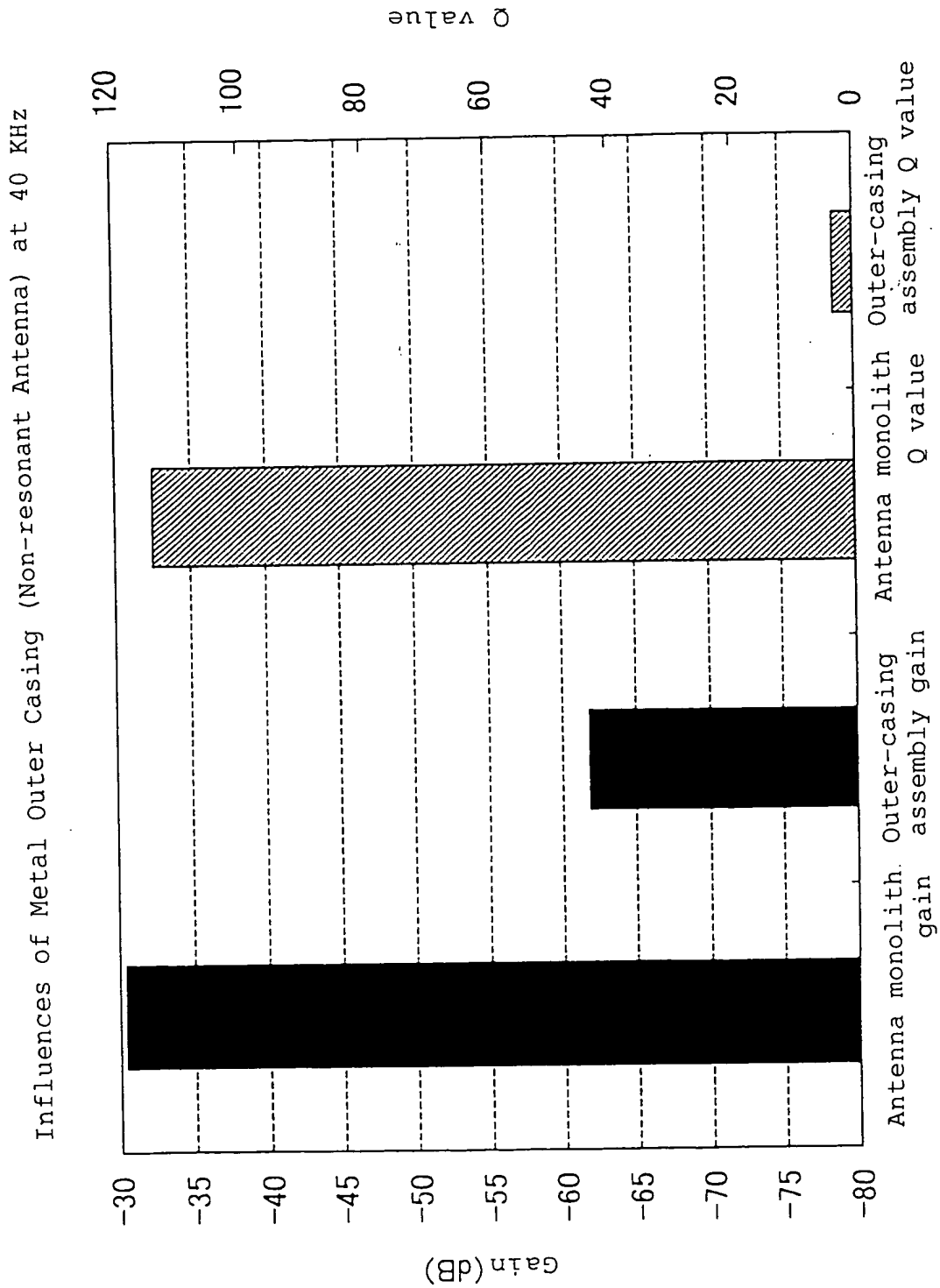
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Fig. 12



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Fig. 13



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Fig. 14

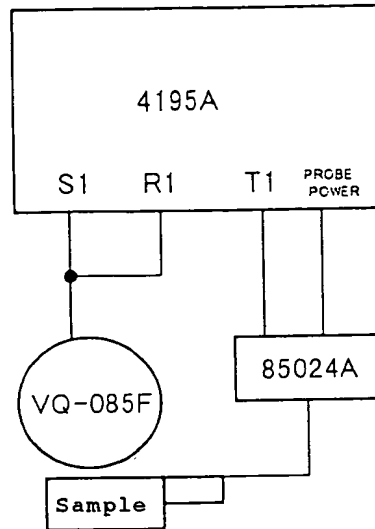


Fig. 15

Antenna-Sample Distance

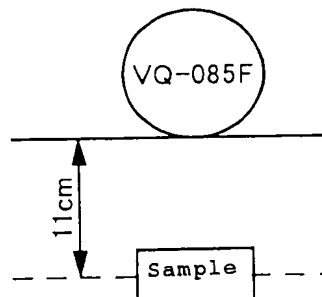
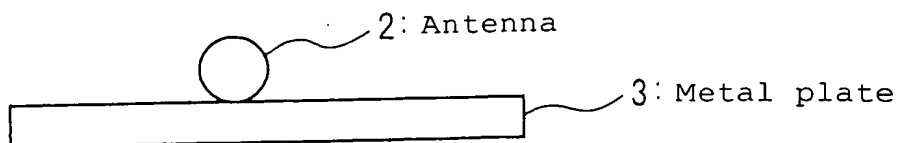


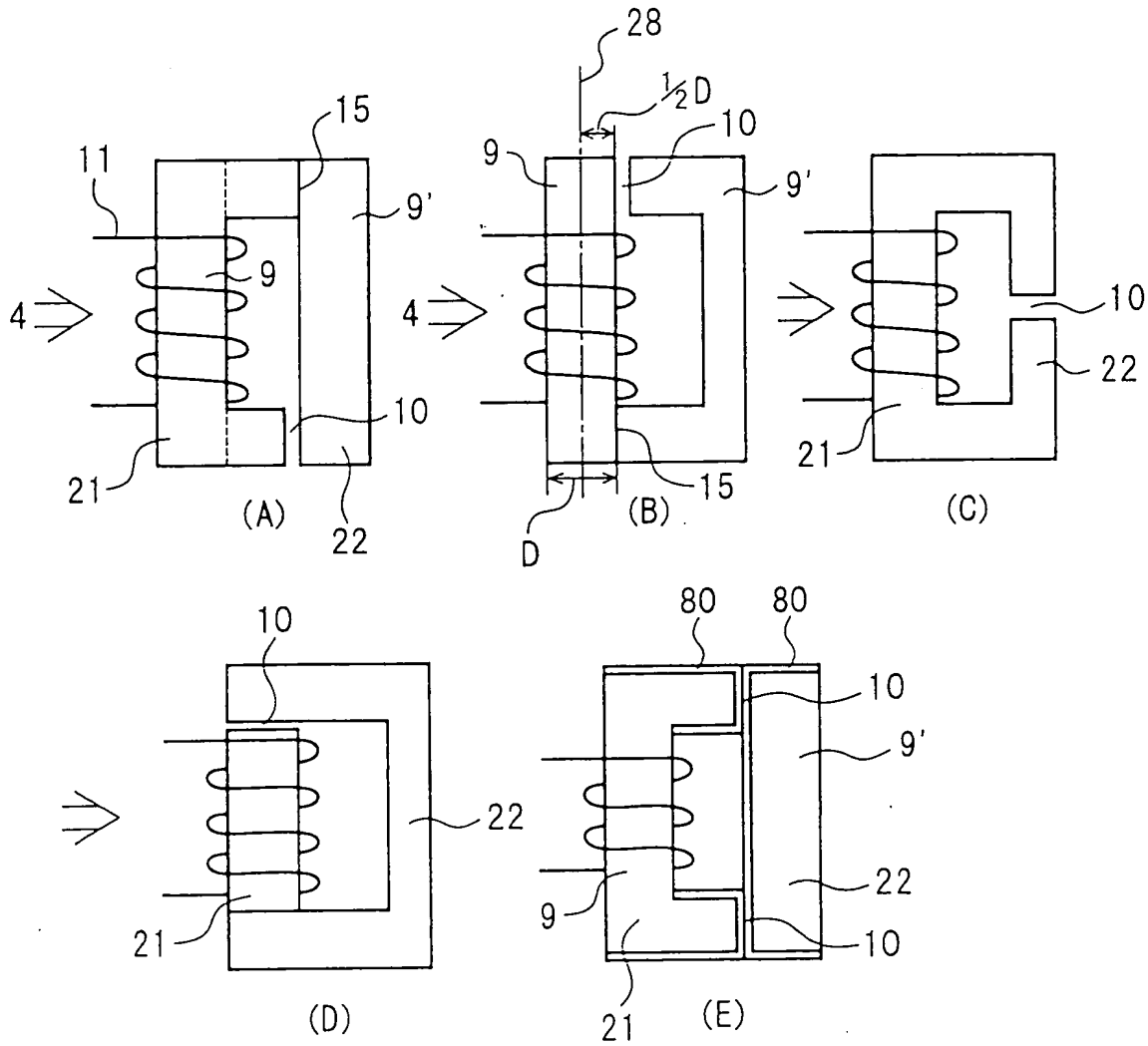
Fig. 16



Antenna-Metal plate distance:0mm

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Fig. 18



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Fig. 19

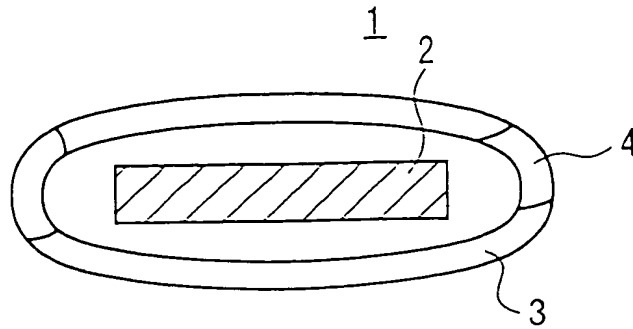
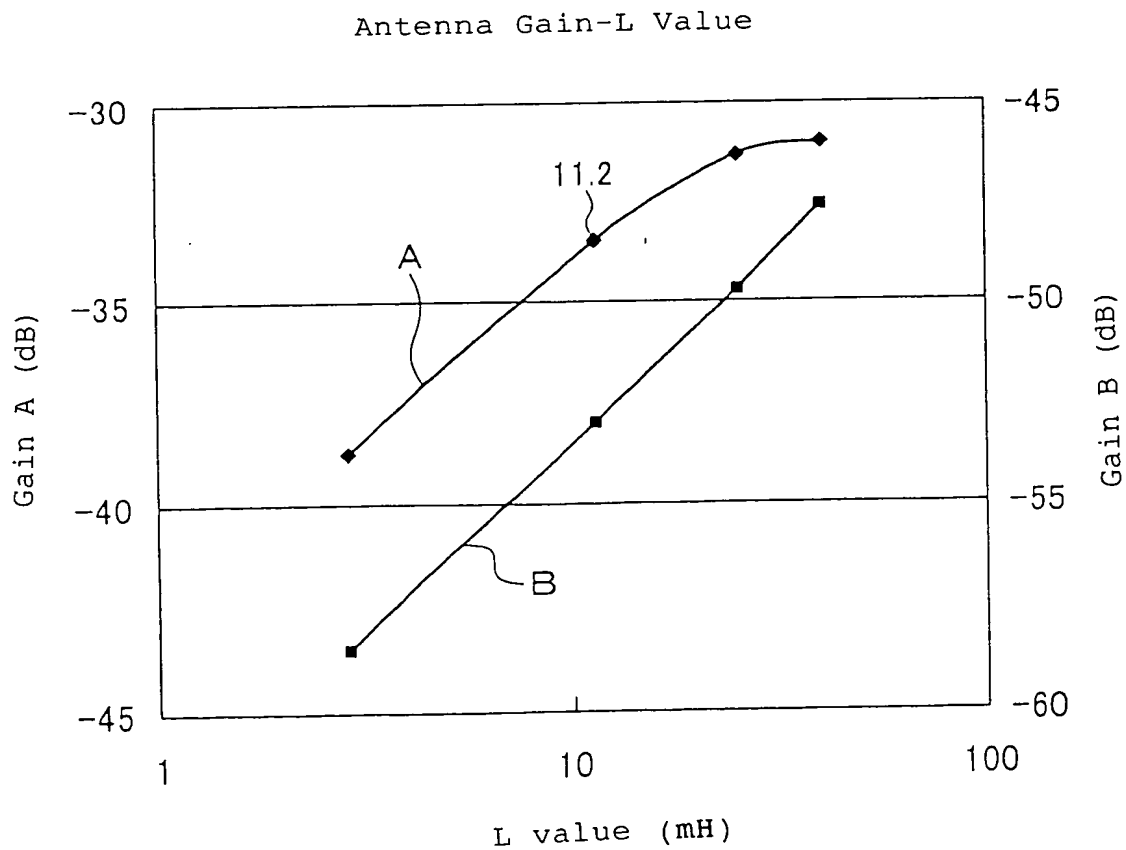
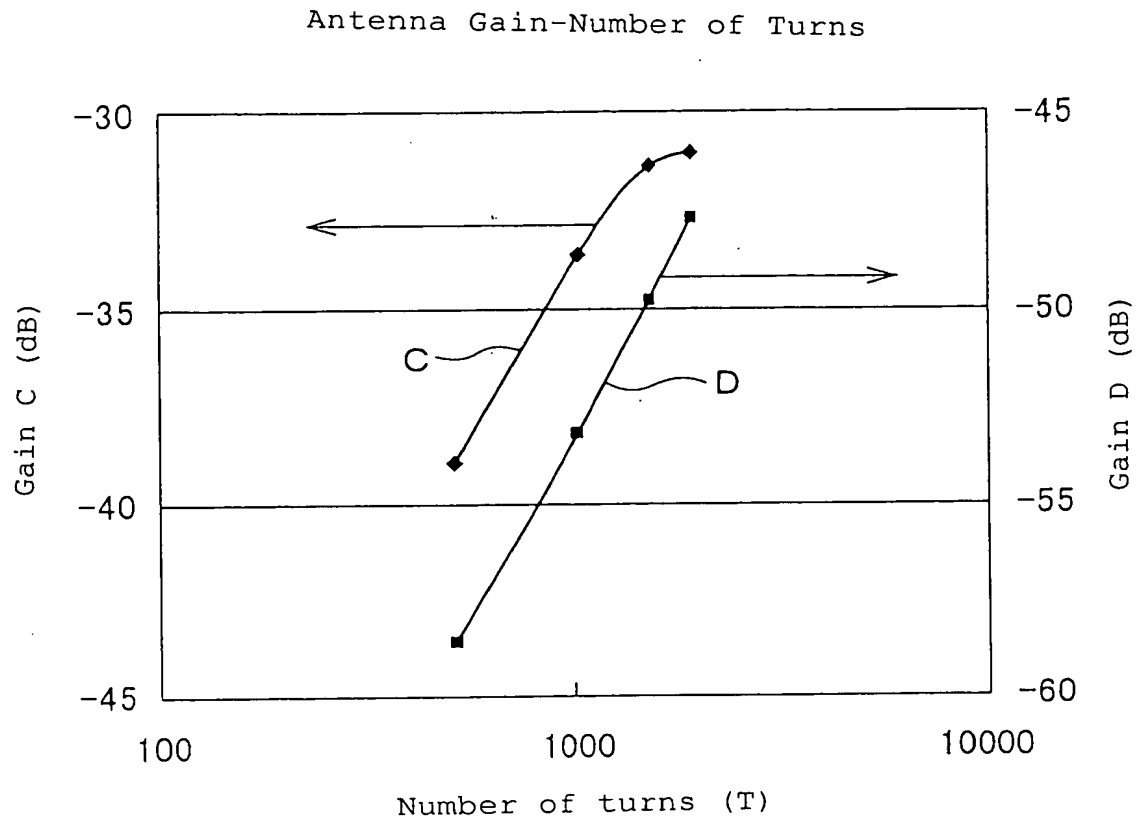


Fig. 20



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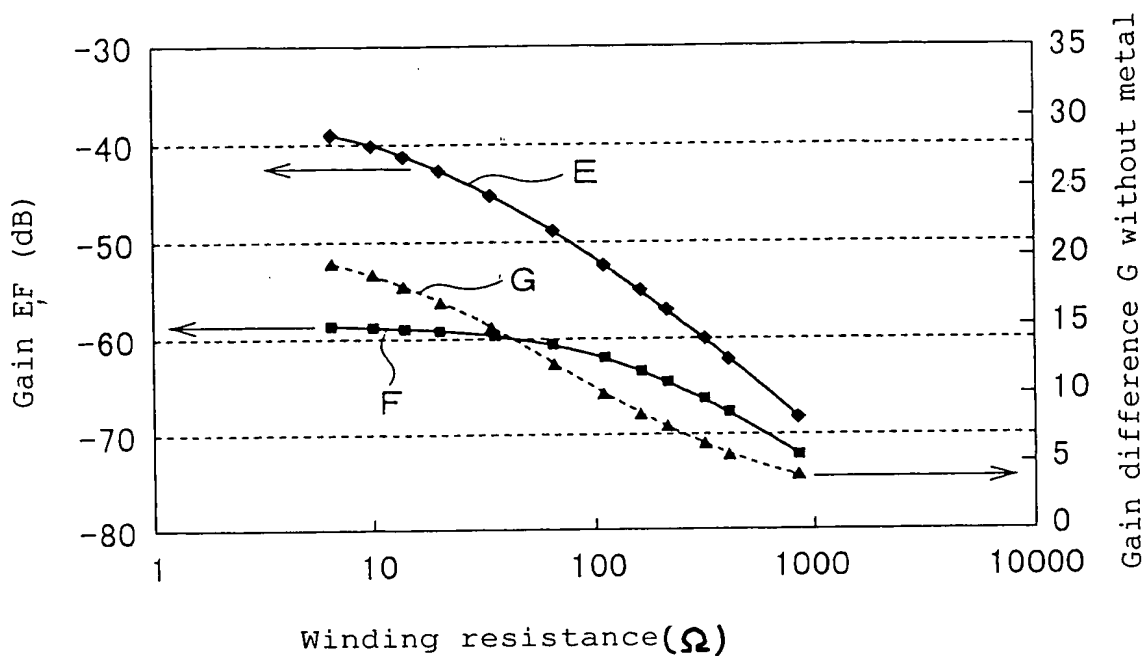
Fig. 21



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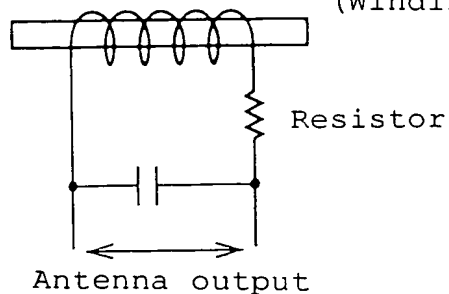
Fig. 22

(A) Antenna Gain-Winding Resistance



(B) Number of turns: 500 T

(Winding resistance 6.4 Ω)



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Fig. 23

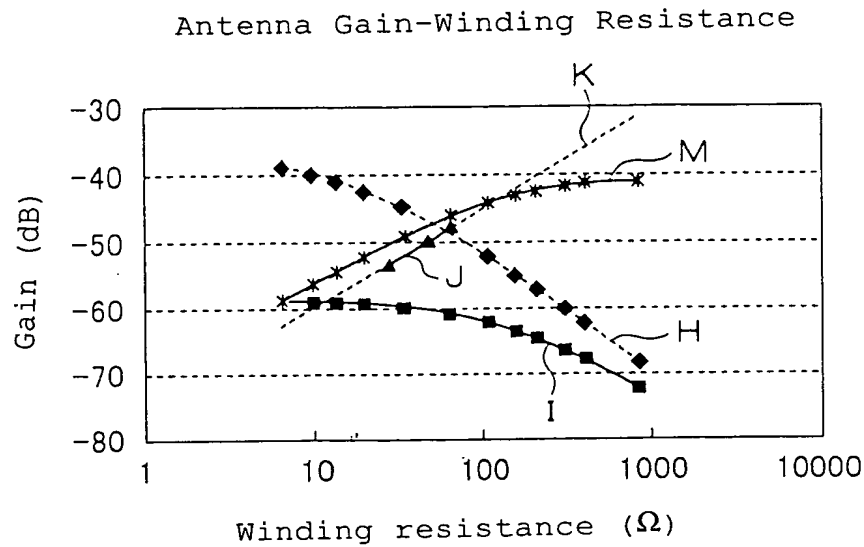
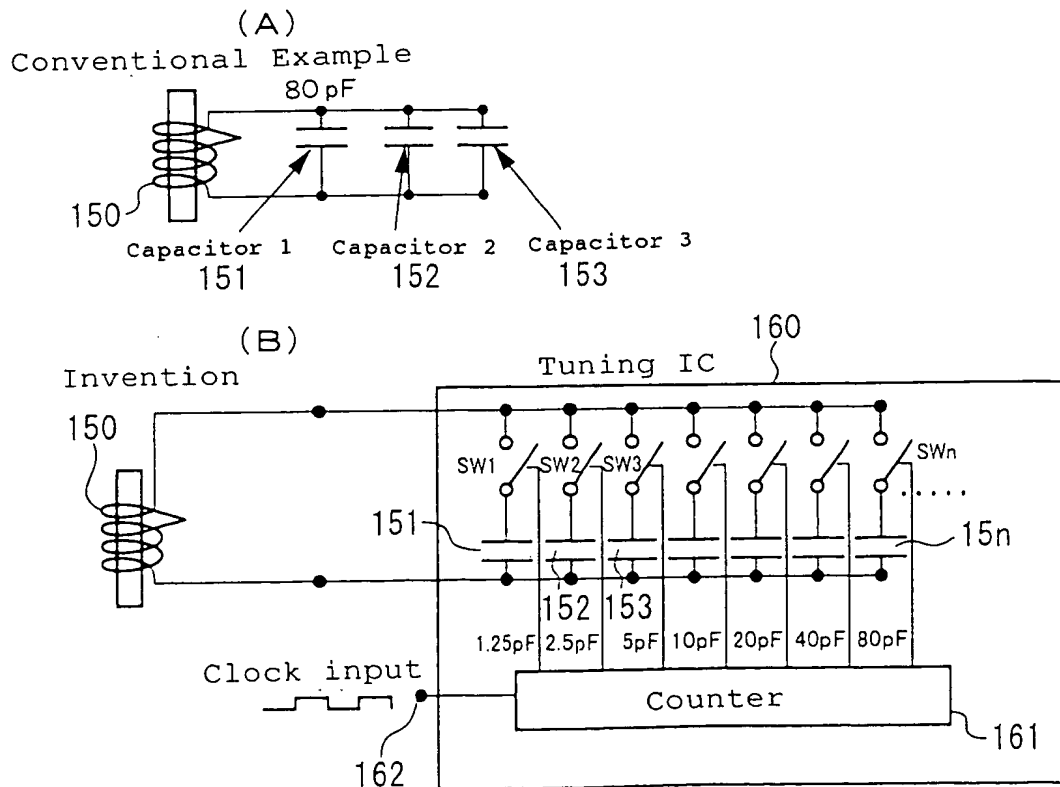
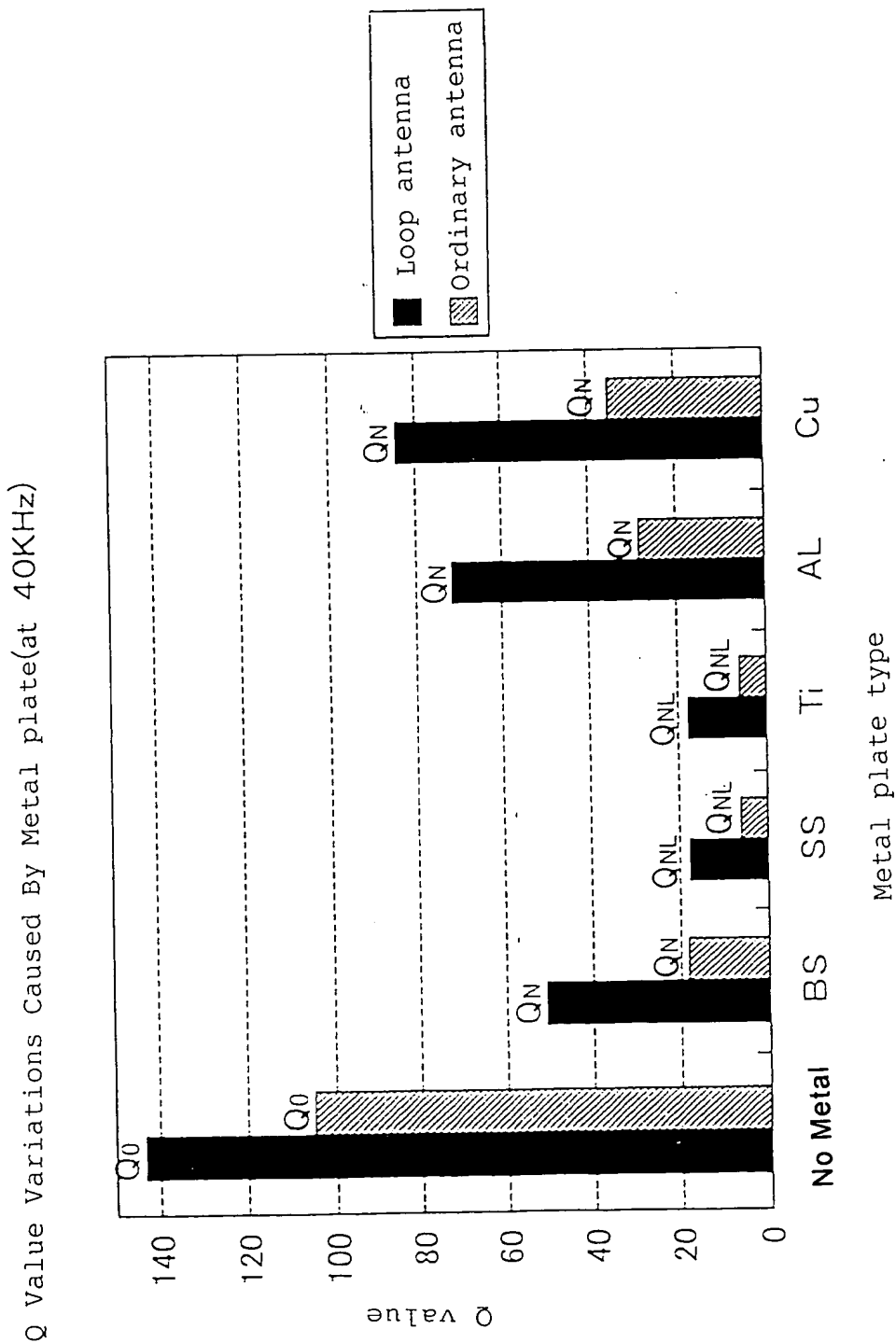


Fig. 24



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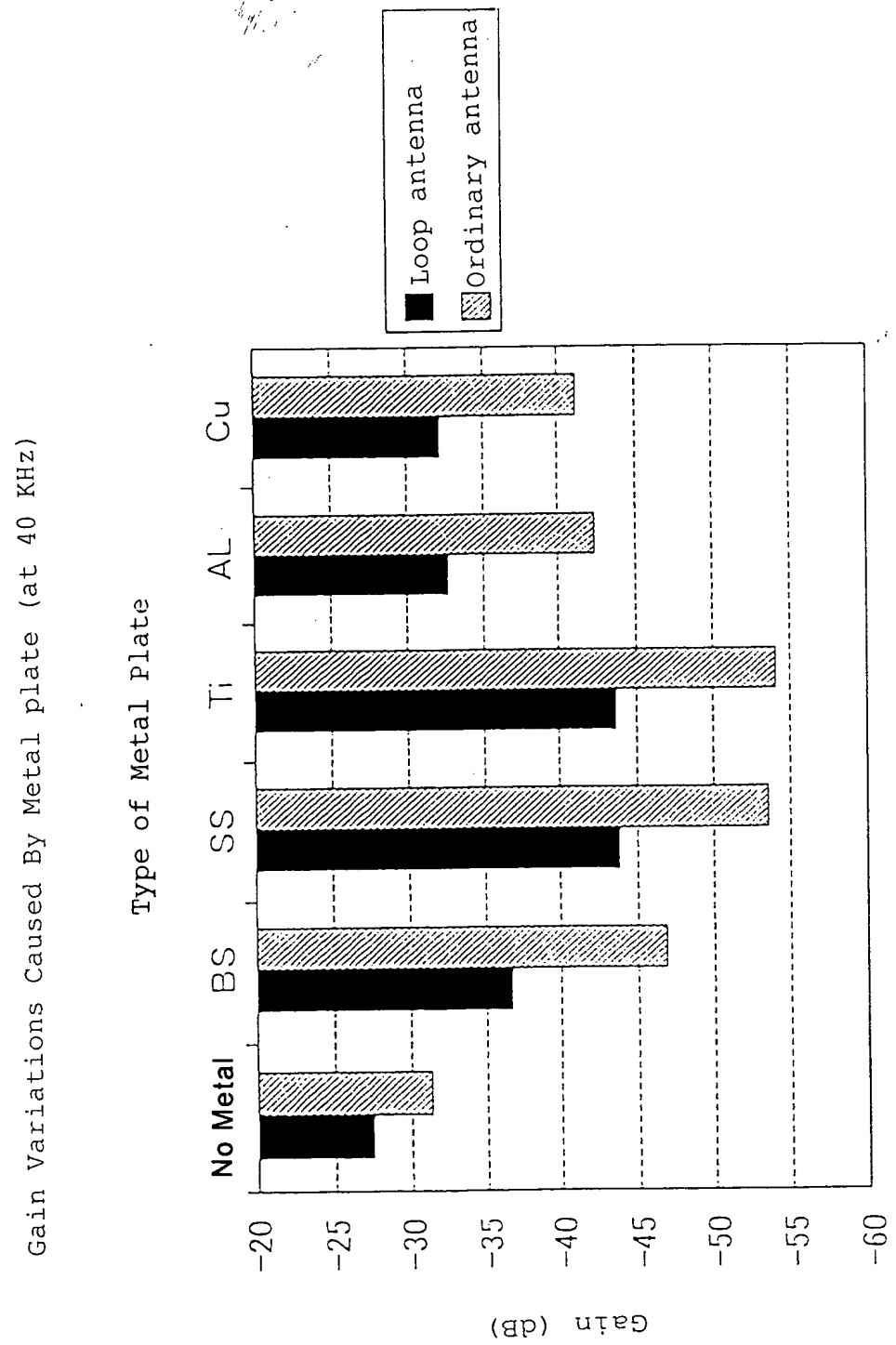
Fig. 25



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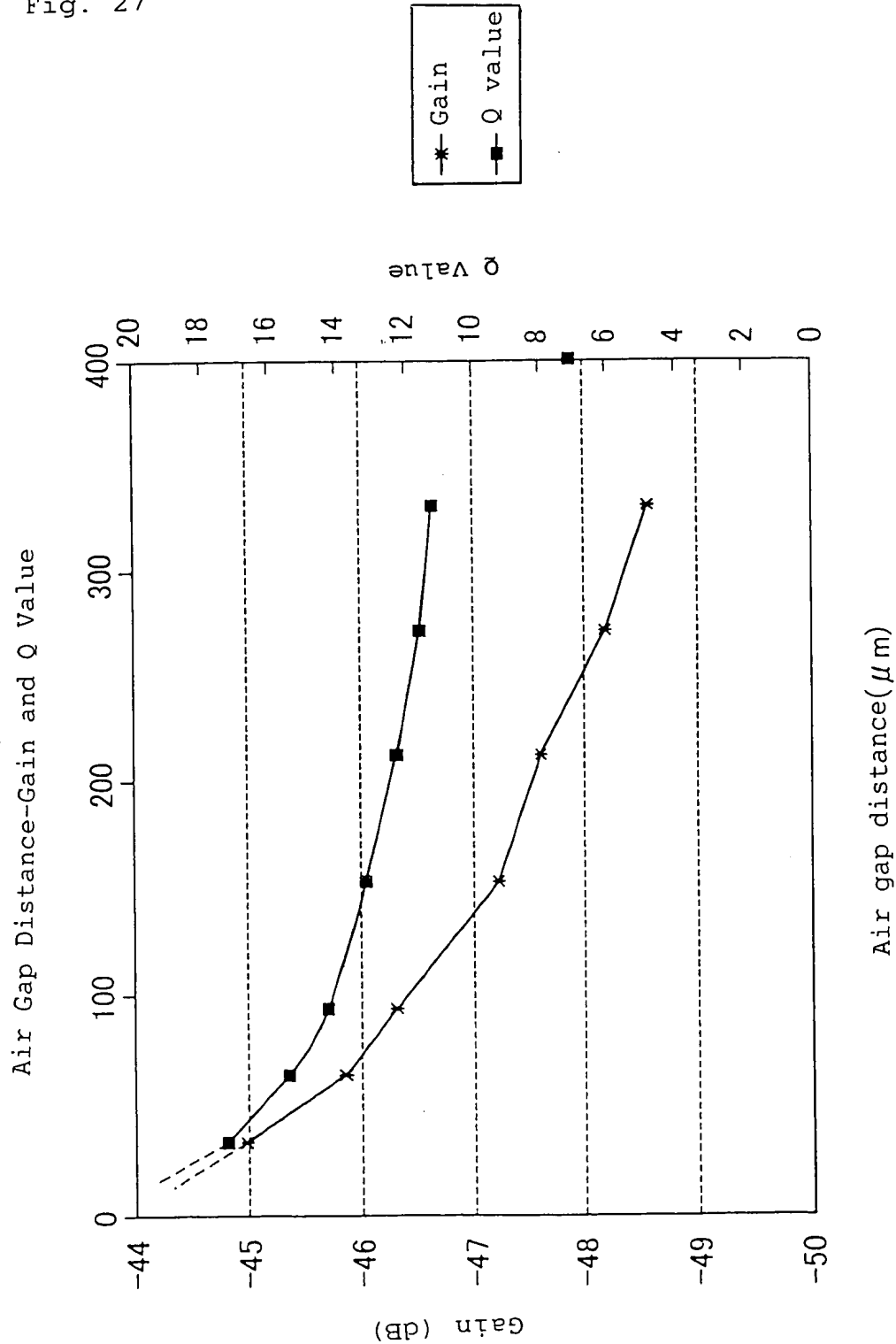
Fig. 26



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Fig. 27



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Fig. 28

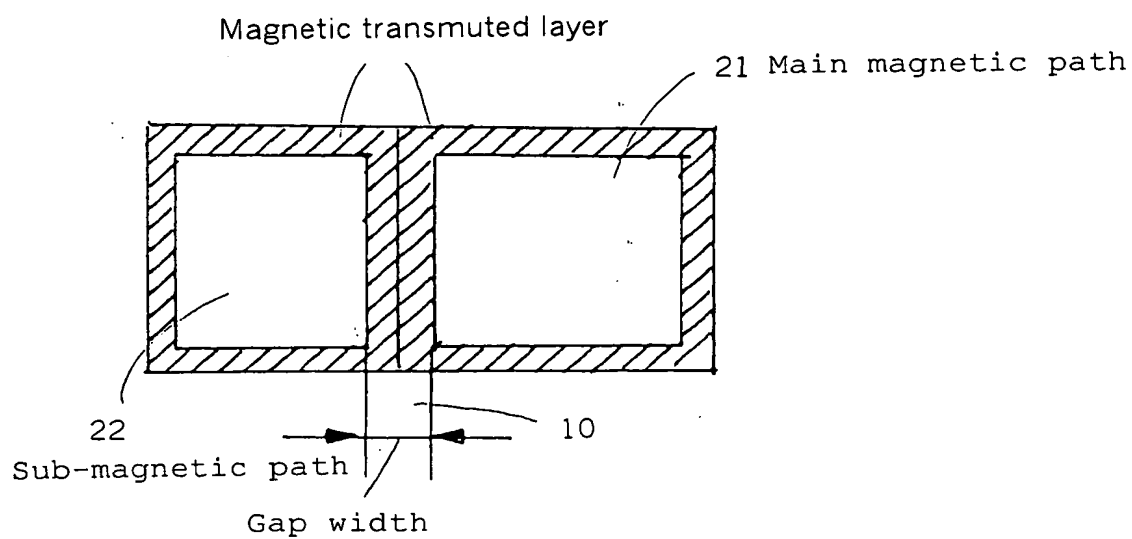
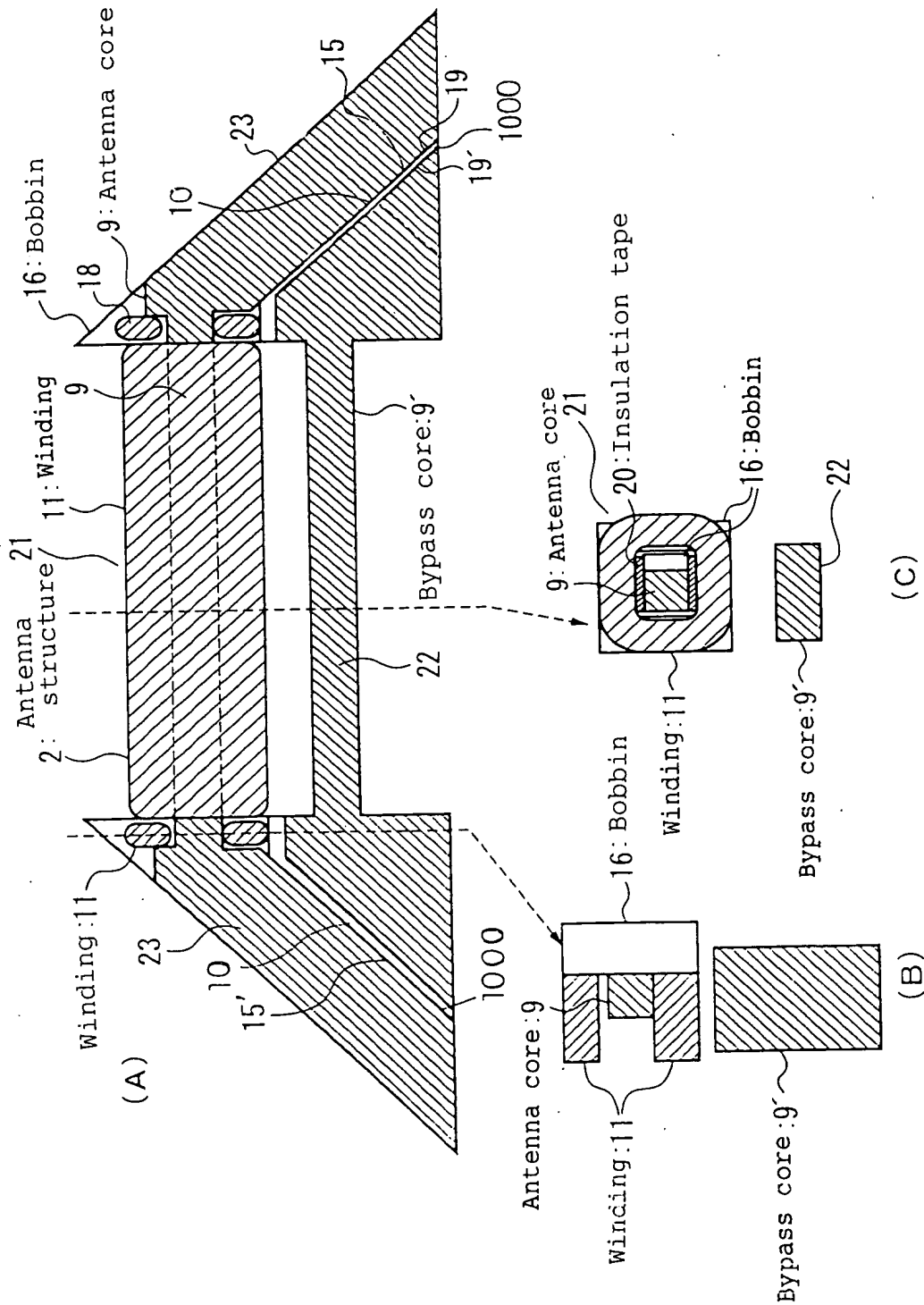


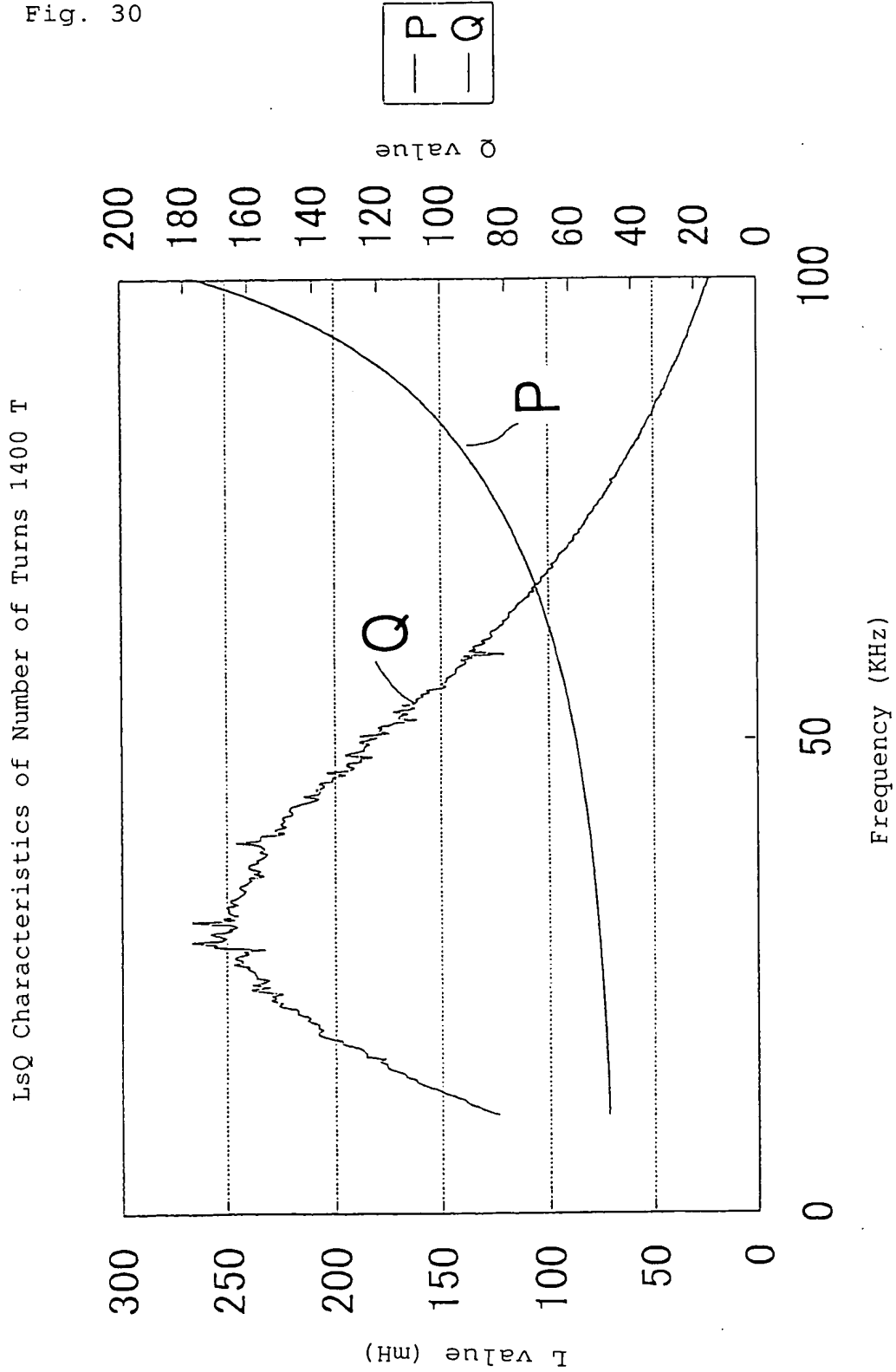
Fig. 29



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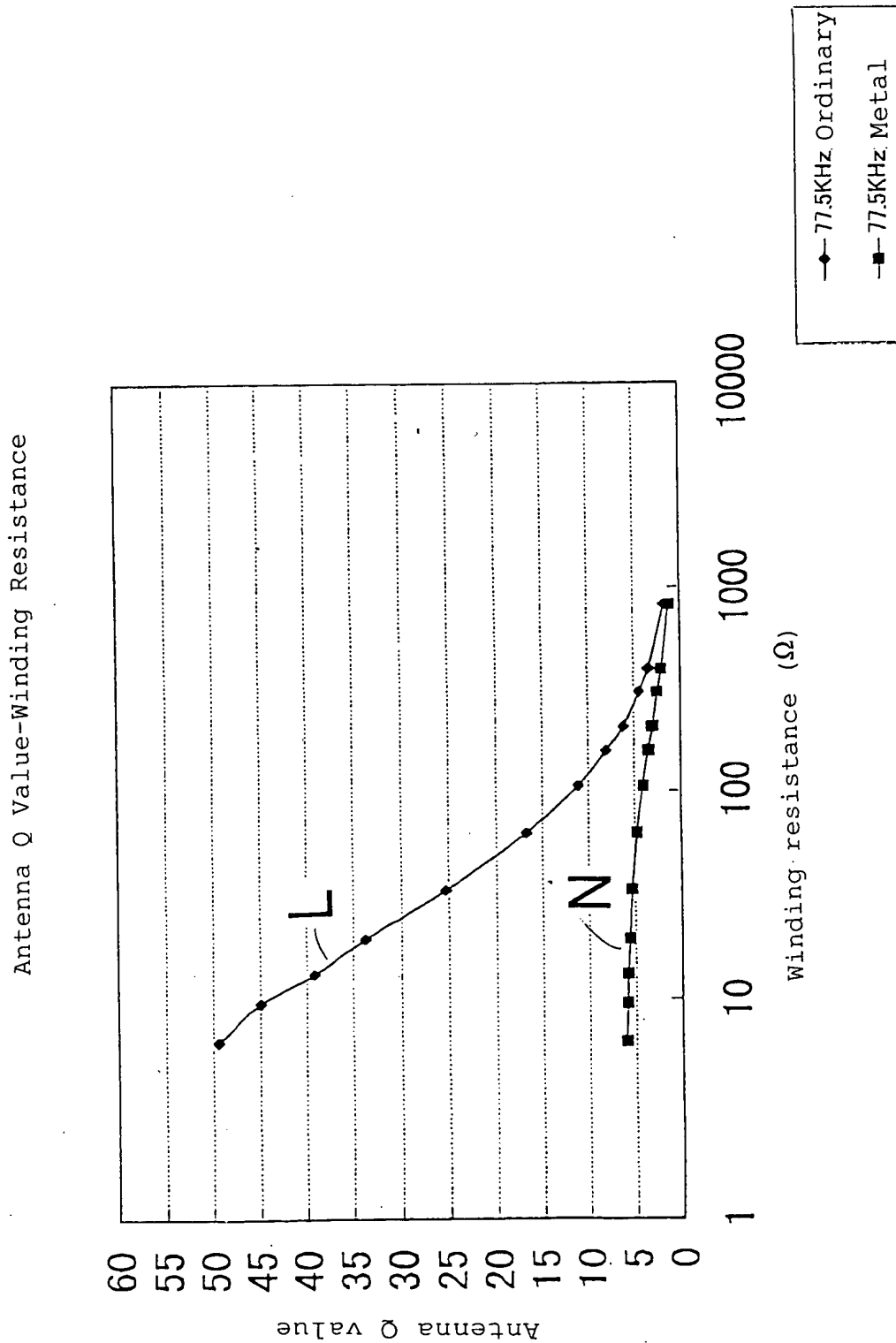
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Fig. 30



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Fig. 31



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